

EAST - [Untitled1:1]

File View Edit Tools Window Help

Drafts  
Pending  
Active  
L1: (13) ("20020112035" or

Search L1 Browse Query Clear  
DBs USPAT Plural  
BRS1... S&R... Image Text HTML

	Type	L #	Hits	Search Text	DBs
1	BRS	L1	13	("20020112035" or "6219034" or "5651070" or "6139324" or "6285351"). repn, rlpn, bi, uref, oref.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
2	BRS	L2	10	("20020112035" or "6219034" or "5651070" or "6139324" or "6285351"). pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
3	BRS	L3	4	("20020112035" or "6219034" or "5651070" or "6139324" or "6285351"). pn.	USPAT
4	BRS	L4	2320	(345/156 or 345/701 or 345/702 or 463/30 or 340/407.1). ccls.	USPAT; US-PGPUB
5	BRS	L5	546	4 and (tactile or haptic or (force adj feedback) or vibrotactile)	USPAT; US-PGPUB
6	BRS	L6	338	5 and (sound or audio or auditory or soundtrack)	USPAT; US-PGPUB

Hits Details HTML

Start Microsoft Office Shortcut Bar EAST - [Untitled1:1]

EAST - [Untitled1:1]

File View Edit Tools Window Help

Drafts

- ISNR: ("0000005").PN.
- BRS:
- Pending
- Active
  - L1: (1) ("20030067440").PN.
  - L2: (1) 1 and (heuristic or analyzing)
  - L3: (1) ("6219034").PN.
  - L4: (1) 3 and (heuristic or analyzing)

the arm. The CPU generates force components to enable the user to probe the contents of the object. For example, when the probe is of an object presented on a display, the CPU probe, thereby providing a feel of actually displayed object. However, this reference d freely movable in three dimensions, nor does the movable arm which are transmitted to the

BRStum IS&Rform Image Text HTML

	Type	L #	Hits	Search Text	DBs	Time St
1	IS&R	L1	1	("20030067440").PN.	USPAT; US-PGPUB	2003/07/ 11:37
2	BRS	L2	1	1 and (heuristic or analyzing)	USPAT; US-PGPUB	2003/07/ 11:49
3	IS&R	L3	1	("6219034").PN.	USPAT	2003/07/ 11:48
4	BRS	L4	1	3 and (heuristic or analyzing)	USPAT; US-PGPUB	2003/07/ 13:09
5	BRS	L5	1	4 and (sound or audio or frequency)	USPAT	2003/07/ 12:32
6	BRS	L6	25851	(tactile or haptic or (force adj feedback))	USPAT; US-PGPUB ; EPO; IND. DEP	2003/07/ 12:33
7	BRS	L7	110	6 and heuristic	USPAT; US-PGPUB ; EPO; IND. DEP	2003/07/ 13:04
8	BRS	L8	54	7 and (sound or audio)	USPAT; US-PGPUB ; EPO; IND. DEP	2003/07/ 13:06
9	IS&R	L9	23	((("3919691") or ("4104603") or ("4185283") or ("4334280") or ("4557182") or ("4664339") or ("4687444") or ("4868549") or ("4905001") or ("5091865") or ("5186629") or ("5223828") or ("5287102") or ("5296871") or ("5351677") or ("5461399") or	USPAT	2003/07/ 13:09
10	BRS	L10	14	9 and 6	USPAT	2003/07/ 13:09
11	BRS	L11	1	10 and (heuristic or analyzing)	USPAT; US-PGPUB	2003/07/ 13:11
12	IS&R	L12	1	("5296871").PN.	USPAT	2003/07/ 13:11

Microsoft Office Shortcut Bar EAST - [Untitled1:1] WordPerfect WordPerfect Macro Facility

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EAST - [Untitled1:1]

File View Edit Tools Window Help

Drafts

Pending

Active

L1: (190861) sou

L2: (162311) (ta

L3: (25293) 1 and

L4: (28) (("4937

Search

List

Browse

Queue

Clear

DBs: USPAT

Plurals

Default operator: OR

Highlight all hit terms initially

BRS form

IS&R form

Image

Text

HTML

	Type	L #	Hits	Search Text	DBs	T
1	BRS	L1	190861	sound or audio or auditory or soundtrack or audiotrack	USPAT	20 15
2	BRS	L2	162311	(tactile or haptic or (force adj feedback) or vibrotactile or vibration or vibratory)	USPAT	20 15
3	BRS	L3	25293	1 and 2	USPAT	20 15
4	IS&R	L4	28	((("4937685") or ("5186629") or ("5189355") or ("5203563") or ("5388992") or ("5399091") or ("5405152") or ("5565840") or ("5619180") or ("5669818") or ("5684722") or ("5767457") or ("5795228") or ("5816823") or ("5844392") or ("5857986") or ("5889672") or ("5959613") or ("5984880") or ("6005551") or	USPAT	20 15
5	BRS	L5	22	4 and 3	USPAT	20 16
6	BRS	L6	22	5 and 1	USPAT	20 17
7	IS&R	L7	35	((("5785630") or ("5766016") or ("5547382") or ("5466213") or ("5334027") or ("5309140") or ("5299810") or ("5275174") or ("5271290") or ("5240417") or ("5212473") or ("5078152") or ("5038089") or ("5035242") or ("5022407") or ("5019761") or ("4934694") or ("4930770") or ("4891764") or ("4794392") or	USPAT	20 17
8	BRS	L8	11	1 and 7	USPAT	20 17
9	BRS	L9	8	8 and 2	USPAT	20 17
10	BRS	L10	3	8 not 9	USPAT	20 17

Start

WordPerfect: [c:\docs\02...]

WordPerfect Macro Facility

EAST - [Untitled1:1]

EAST - [Untitled1:1]

File View Edit Tools Window Help

Drafts  
Pending  
Active  
L1: (13) ("20020112035" or  
L2: (10) ("20020112035" or  
L3: (4) ("20020112035" or  
Failed  
Saved  
Favorites  
Tagged (2)  
UDC  
Queue  
mooch

Search List Browse Queue Clear  
DB: USPAT Plural  
Default operator: OR Highlight all hit terms initially  
("20020112035" or "6219034" or "5651070" or "6139324" or  
"6285351").pn.

BRS f... IS&R Image Text HTML

	U	Document ID	Issue Date	Pages	Title	Current OR	Current XRef
1	<input type="checkbox"/>	US 6285351 B1	20010904	21	Designing force sensations for computer applications including sounds	345/156	345/161; 345/163; 345/167; 345/804; 345/835; 345/866; 463/30; 463/37; 463/38
2	<input checked="" type="checkbox"/>	US 6219034 B1	20010417	17	Tactile computer interface	345/158	345/863
3	<input checked="" type="checkbox"/>	US 6139324 A	20001031	16	Multi-sense home entertainment chair transducer system	434/55	
4	<input checked="" type="checkbox"/>	US 5651070 A	19970722	7	Warning device programmable to be sensitive to preselected sound frequencies	381/56	340/407.1

His Details HTML

Start Microsoft Office ShortCut Bar EAST - [Untitled1:1]

EAST - [Untitled1:1]

File View Edit Tools Window Help

Drafts  
Pending  
Active

L1: (4) (("20020163498") or ("6703550") or ("6198206") or ("6292170")).PN.  
L2: (4) 1 and (sound or audio)  
L3: (4) 2 and frequency  
L4: (4) 3 and heuristic  
L5: (4) 3 and (analyz\$ or identify or feature)  
L6: (1) ("20030068053").PN.  
L7: (1) 6 and (sound or audio)  
L8: (1) 7 and frequency  
L9: (0) 8 and heuristic  
L10: (1) 8 and (analyz\$ or identify or feature)  
L11: (24) ("6219034" or "6285351" or "6139324" or "5651070").repn,rlpn,bi,uref,oref.  
L12: (2483) (345/156 or 345/701 or 345/702 or 463/30 or 340/407.1).ccls.  
L13: (593) 12 and (tactile or haptic or (force adj feedback))  
L14: (168) immersion\$.as.  
L15: (496) 13 not 14  
L16: (274) 15 and (sound or audio)  
L17: (2) 17 and heuristic  
L18: (229) 16 and (frequency or range)

Search List Browse Query Clear

DBs: USPAT Plurals

Default operator: OR Highlight all hit terms initially

BRS form IS&R form Image Text HTML

	Type	L #	Hits	Search Text	DBs
1	IS&R	L1	4	((("20020163498") or ("6703550") or ("6198206") or ("6292170")).PN.	USPAT; US-PGPUB
2	BRS	L2	4	1 and (sound or audio)	USPAT; US-PGPUB
3	BRS	L3	4	2 and frequency	USPAT; US-PGPUB
4	BRS	L4	0	3 and heuristic	USPAT; US-PGPUB
5	BRS	L5	4	3 and (analyz\$ or identify or feature)	USPAT; US-PGPUB
6	IS&R	L6	1	("20030068053").PN.	USPAT; US-PGPUB
7	BRS	L7	1	6 and (sound or audio)	USPAT; US-PGPUB
8	BRS	L8	1	7 and frequency	USPAT; US-PGPUB
9	BRS	L9	0	8 and heuristic	USPAT; US-PGPUB
10	BRS	L10	1	8 and (analyz\$ or identify or feature)	USPAT; US-PGPUB
11	BRS	L11	24	("6219034" or "6285351" or "6139324" or "5651070").repn,rlpn,bi,uref,oref.	USPAT; US-PGPUB
12	BRS	L12	2483	(345/156 or 345/701 or 345/702 or 463/30 or 340/407.1).ccls.	USPAT; US-PGPUB
13	BRS	L13	593	12 and (tactile or haptic or (force adj feedback))	USPAT; US-PGPUB
14	BRS	L14	168	immersion\$.as.	USPAT; US-PGPUB
15	BRS	L15	496	13 not 14	USPAT; US-PGPUB
16	BRS	L16	274	15 and (sound or audio)	USPAT; US-PGPUB
17	BRS	L18	2	17 and heuristic	USPAT; US-PGPUB
18	BRS	L17	229	16 and (frequency or range)	USPAT; US-PGPUB

Start Details HTML

EAST - [Untitled1:1]

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EAST - [Default EAST Workspace 1600x1200.wm~1]

File View Edit Tools Window Help

No text available to display

**Drafts**

- IS&R:
- Pending
- Active**
  - L1: (311) (
  - L2: (17377)
  - L3: (311) (
  - L4: (381) i
  - L5: (311) 3
- Failed
  - ("6515647")
  - 345/1.1.ccl
  - "345"/\$.ccl
  - ((audio or
  - ((audio or
- Saved
- Favorites
- Tagged (18)
- UDC
- Queue.
- Trash

BRS form IS&R form Image Text HTML

	Type	L #	Hits	Search Text	DBs
1	BRS	L1	311	(audio or sound or voice) and (fourier or fft) and (haptic or tactile or (force adj feedback))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IDM, EDD
2	BRS	L2	17377	(audio or sound or voice) and (fourier or fft)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IDM, EDD
3	BRS	L3	311	((audio or sound or voice) and (fourier or fft) and (haptic or tactile or (force adj feedback)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IDM, EDD
4	BRS	L4	381	immersion\$.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IDM, EDD
5	BRS	L5	311	3 not 4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IDM, EDD

Hits Details HTML

Client Manager Microsoft Office Shortcut Bar EAST [Default EAST] EAST Browser - L5: (311)... EAST Browser - L5: (311)...

Search Notes